



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW7110G00131-8G-10**Job Sheet 189365****Part No:** RBW7110G00131-8G-10**Job Qty:** 9 pcs**Part Name:** Jacket Assembly**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 1/23/19**Job Tracking No:****Due Date:** 2/6/19**Created By:** Patrick Lussier**Type:** Stock**Description:**

Note: DWG RBW7110G00131-8G Rev.B IPP Rev. A 19.01.22 New issue DP Verify DD/IPP Rev.B 19.02.28 drawing revision DP Verify DD

Ship Via:**Bill of Materials**

Naney

P3-4

ND

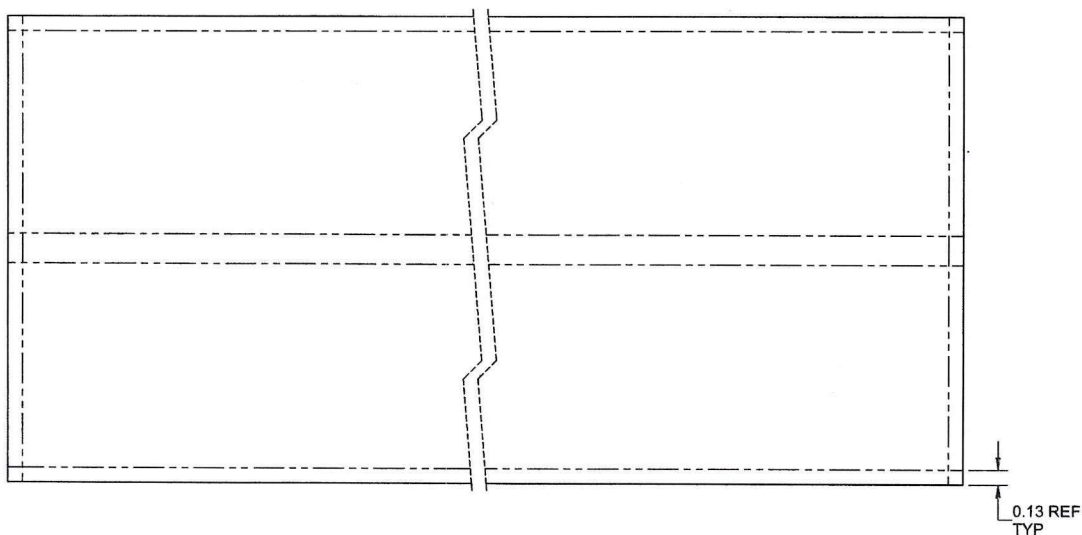
Job Routing									
Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	9 pcs		2/6/19	0.00	0.00	Purchasing - 1		
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	9 pcs		2/6/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
120	QC 6	9 pcs		2/6/19	0.00	0.00	QC 6 - 38		
							QC 6 - 42		
							QC 6 - 9		
							QC 6 - 68		
130	Small Fab - 2 - B4B	9 pcs		2/6/19	0.00	0.00	Small Fab - 1 - B4B		
							Small Fab - 2 - B4B		
							Small Fab - 3 - B4B		
							Small Fab - 4 - B4B		
							Small Fab - 5 - B4B		
							Small Fab - 6 - B4B		
							Small Fab - 7 - B4B		
140	QC 5	9 pcs		2/6/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 38		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
150	Packaging 3-1 - Stock - B4B	9 pcs		2/6/19	0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
160	QC 21 - FG	9 pcs		2/6/19	0.00	0.00	QC 21 - FG - 21		
Part Op 100 - 1-Issue P/O: _____ MANUFACTURE RBW7110G00131-8G-10 AS PER DWG Supplier: TULMAR 2- Descriptions: Certificate of conformity is required 110 - Certificate of Conformity is required 130 - Re-identify as required.									

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
RBW7110G00131-8G-10P	Jacket Assembly	9 Ea (1 ea)	100-Purchasing	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW7110G00131-8G-10P	9	0	0
Part Specifications				
Specifications could not be found.				

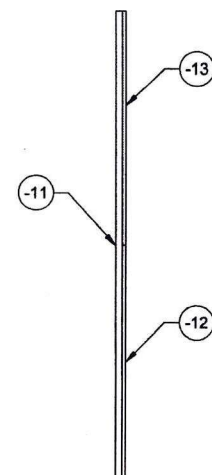
Plex 3/22/19 2:01 PM dart.Lussier.Patrick

ITEM #	QTY	PART #	PART TITLE
-11	1	RBW7110G00131-8G-11	JACKET
-12	1	RBW7110G00131-8G-12	FASTENER LOOP
-13	1	RBW7110G00131-8G-13	FASTENER HOOK



RBW7110G00131-8G-10 JACKET ASSEMBLY

7 8 9 10



NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) SEW ITEMS TOGETHER AS SHOWN
- 8) STITCHING TO BE IAW ASTM D6193, TYPE 301, 6-10 STITCHES PER INCH, MINIMUM (1/2IN) BACKSTITCH, (1/2IN) SEAM ALLOWANCE, (1/2IN) TURNBACKS WHERE SHOWN, (1/8IN) FROM EDGE, ADDITIONAL ROWS OF SEWING ARE ACCEPTABLE TO ASSIST IN ASSEMBLY
- 9) PHANTOM LINES REPRESENT STITCHING
- 10) FASTENER LOOP/HOOK MUST BE ALIGNED WITH END OF JACKET BEFORE SEWING

DESIGN KPT
DRAWN KPT
CHECKED MBB
MFG. APPR. DP
APPROVED *VJP*
DATE 2/27/2019

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

TOOL PART # REV. B
RBW7110G00131-8G
TITLE SHEET 12 OF 18
REAR SLIDING COWLING LIFTING SLING TOOL SCALE
NTS

COPYRIGHT © 2019 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

8 7 6 5 4 3 2 1

D

D

C

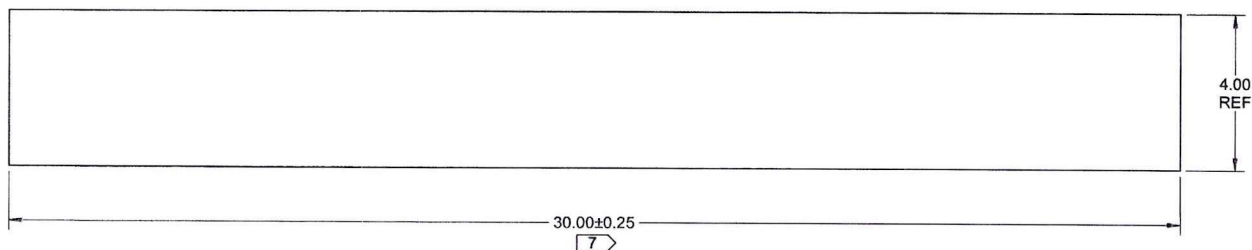
C

B

B

A

A



RBW7110G00131-8G-11 JACKET

NOTES:

1) MATERIAL: MURDOCK WEBBING #10702 P, 4" WIDTH, ORANGE

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

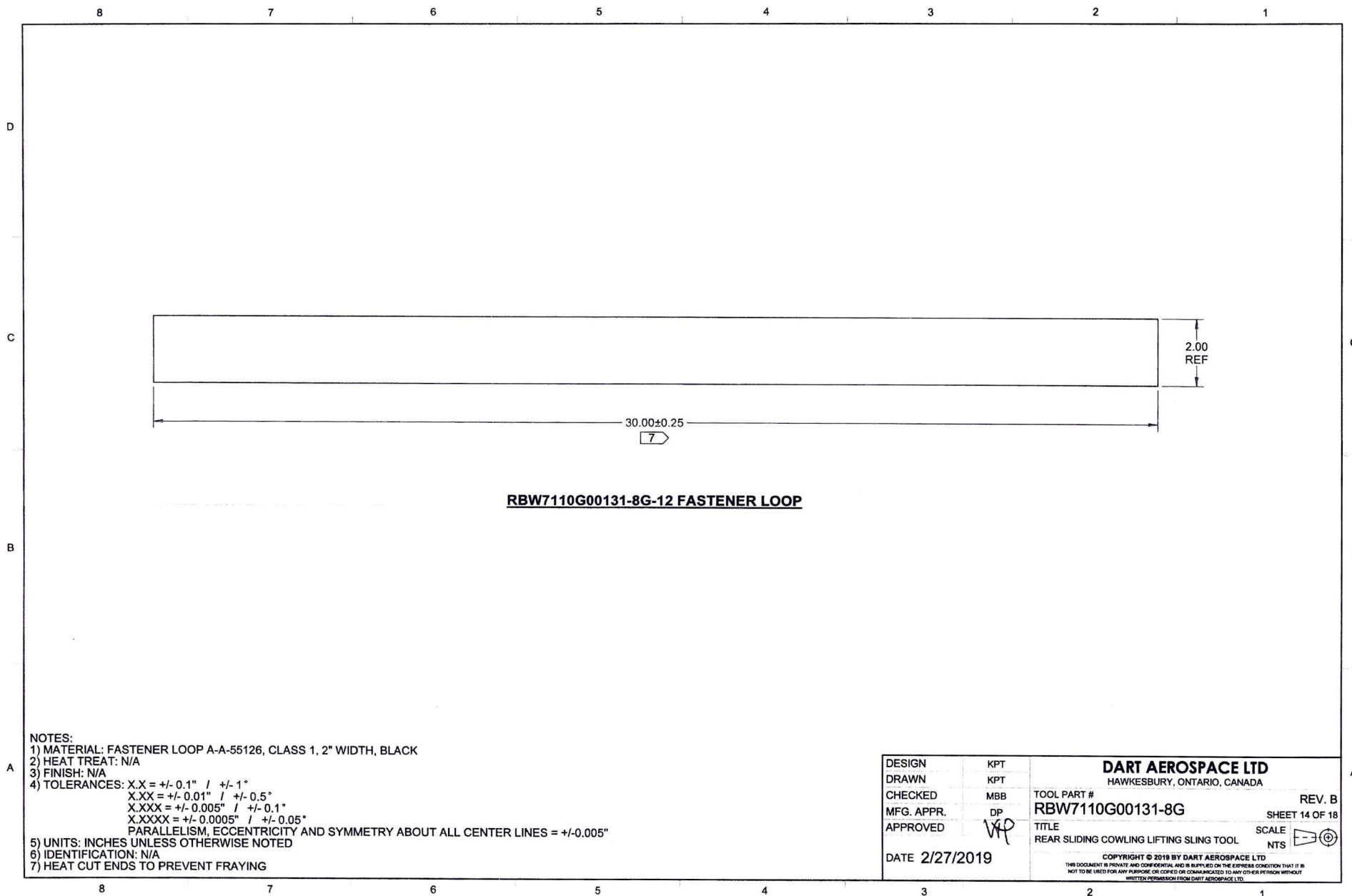
5) UNITS: INCHES UNLESS OTHERWISE NOTED

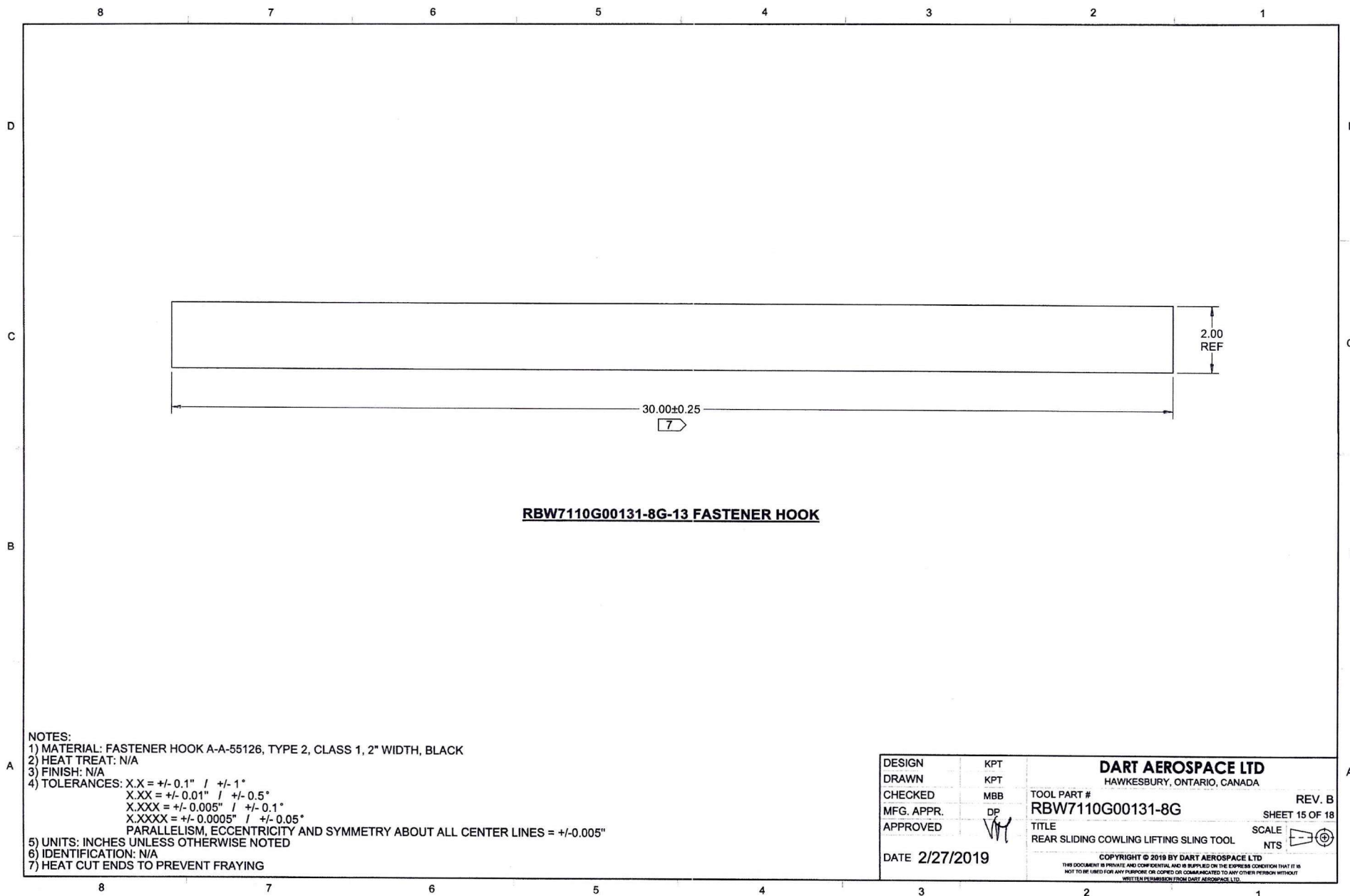
6) IDENTIFICATION: N/A

7) HEAT CUT ENDS TO PREVENT FRAYING

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA TOOL PART # RBW7110G00131-8G TITLE REAR SLIDING COWLING LIFTING SLING TOOL SCALE NTS	REV. B
DRAWN	KPT		SHEET 13 OF 18
CHECKED	MBB		
MFG. APPR.	DP		
APPROVED	<i>VP</i>	DATE 2/27/2019	COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

8 7 6 5 4 3 2 1







Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042365



Supplier: TUL001-VC
Tulmar Safety Systems
1123 Cameron St
Hawkesbury
ON
K6A 2B8 Canada
Phone: 613 632 1282
Fax: 613 632 2030

PO No: PO042365
PO Date: 1/23/19
Due Date: 2/6/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Lussier, PatrickPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189365	RBW7110G00131-8G-10P			Jacket Assembly	Received	-	2/6/19	9 Ea	9 Ea	0 Ea	\$21.67/Ea	\$0.00
Line Item Note 3 set of 3 straps													
Grand Total:												\$0.00	

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/22/19 2:03 PM dart.Lussier.Patrick

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Tel: 613-632-1282
Fax: 613-632-2030
GST R132478223
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No. Page

65611 1

Ship Date

2/4/2019

Bill To:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Order number	Sales order date	Account number	Loc	Account manager
36779	1/23/2019	CDART100	H	Vicky Eve Lovvorn

PO number	Ship via	Shipping Terms
042365	Pick-Up	FOB ORIGIN

Item No. Description	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
-------------------------	------------------	-----	----------------------	------------------------

87430-001	9.00	EA	9.00	
-----------	------	----	------	--

Assembly, Jacket

Drawing No: RBW7110G00131-8G-10

DWG Rev: B

SF = 47074

Lot no.: BATCH0000000001 9.00

Certificate of Conformance

☐ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.
If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 225.

Authorized Inspector

Jessie Lee Laramie

Date:

Feb/04/19



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW7110G00131-8G-21**Job Sheet 189365****Part No:** RBW7110G00131-8G-21**Job Qty:** 9 pcs**Part Name:** Jacket Assembly**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 1/23/19**Job Tracking No:****Due Date:** 2/6/19**Created By:** Patrick Lussier**Type:** Stock**Description:****Note:** DWG RBW7110G00131-8G Rev.1 IPP Rev. A 19.01.22 New issue DP Verify DD**Ship Via:****Bill of Materials****Container No:** S151051**Part:** RBW7110G00131-8G-21**Job No:** 189365**Serial No/Batch:** S151051**Revision:** 1**Inspector:****Exp Date:****Instructions:**

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 02/05/19

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	9 pcs	2/6/19	2/6/19	0.00	0.00	Purchasing - 1 Purchasing - 2 Purchasing - 3	FEB 05 2019
110	Packaging 2-1 - Receive - B4B	9 pcs	2/6/19	2/6/19	0.00	0.00	Packaging 2 - 1 - B4B Packaging 2 - 2 - B4B Packaging 2 - 3 - B4B	FEB 05 2019
120	QC 6	9 pcs	2/6/19	2/6/19	0.00	0.00	QC 6 - 38 QC 6 - 42 QC 6 - 9 QC 6 - 68	
130	Small Fab - 2 - B4B	9 pcs	2/6/19	2/6/19	0.00	0.00	Small Fab - 1 - B4B Small Fab - 2 - B4B Small Fab - 3 - B4B Small Fab - 4 - B4B Small Fab - 5 - B4B Small Fab - 6 - B4B Small Fab - 7 - B4B	
140	QC 5	9 pcs	2/6/19	2/6/19	0.00	0.00	QC 5 - 10 QC 5 - 12 QC 5 - 17 QC 5 - 18 QC 5 - 19 QC 5 - 22 QC 5 - 24 QC 5 - 3 QC 5 - 38 QC 5 - 42 QC 5 - 43 QC 5 - 49 QC 5 - 51 QC 5 - 58 QC 5 - 68 QC 5 - 9 QC 5 - 50 QC 5 - 30	
150	Packaging 3-1 - Stock - B4B	9 pcs	2/6/19	2/6/19	0.00	0.00	Packaging 3 - 1 - B4B Packaging 3 - 2 - B4B Packaging 3 - 3 - B4B Packaging 3 - 4 - B4B Packaging 3 - 5 - B4B	
160	QC 21 - FG	9 pcs	2/6/19	2/6/19	0.00	0.00	QC 21 - FG - 21	MAR 22 2019

Part Op 100 - 1-Issue P/O: 042365 MANUFACTURE RBW7110G00131-8G-21 AS PER DWG Supplier: TULMAR 2-
 Descriptions: Certificate of conformity is required
 110 - Certificate of Conformity is required
 130 - Re-identify as required.

x 9 Rhs 23 Jan 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW7110G00131-8G-21P	Jacket Assembly	9 (1 ea)	100-Purchasing	5151050

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW7110G00131-8G-21P	9	0	0

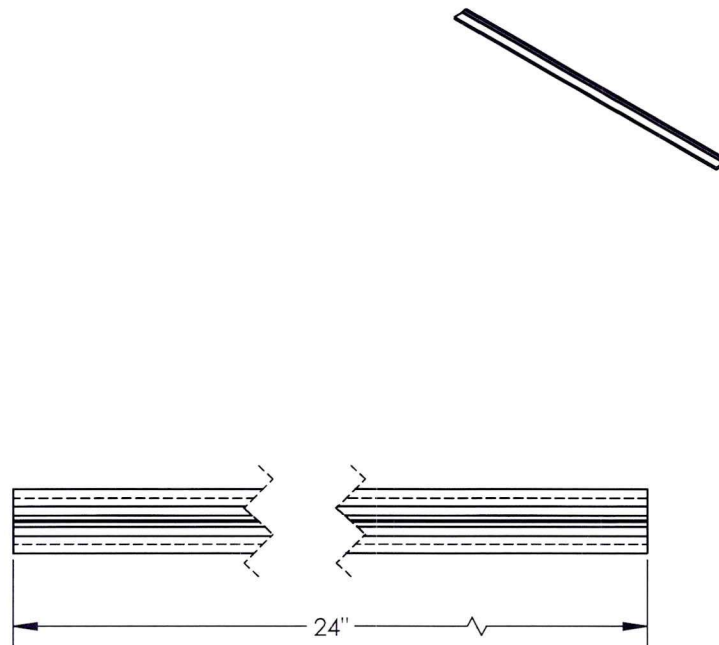
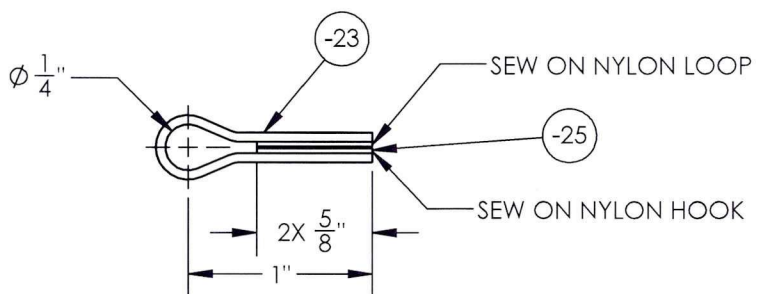
Part Specifications

Specifications could not be found.

Plex 1/23/19 9:54 AM dart.Lussier.Patrick

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS			
REV	ECR	DESCRIPTION	DATE



(-21)
JACKET ASSEMBLY

DART AEROSPACE	
TITLE SLING, REAR SLIDING COWLING LIFTING TOOL	
DWG NO. RBW7110G00131-8G-21	REV 1
MAT'L HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125/✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
AW189	
DRAWN BY: RJC 06/09/2017 CHECKED: DD 06/13/2017 OPPTS APPR: AA 06/14/2017 QA APPR: JL 06/28/2017 APPROVED: JAG 07/03/2017	SCALE 1:1 DATE 6/9/2017 SHEET 11 OF 14



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO042365**



Supplier: TUL001-VC
Tulmar Safety Systems
1123 Cameron St
Hawkesbury
ON
K6A 2B8 Canada
Phone: 613 632 1282
Fax: 613 632 2030

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042365
PO Date: 1/23/19
Due Date: 2/6/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lussier, Patrick
Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189365	RBW7110G00131-8G-21P			Jacket Assembly	Firmed	-	2/6/19	9 Ea	0 Ea	9 Ea	\$21.67/Ea	\$195.03
Line Item Note 3 set of 3 straps													
Grand Total:												\$195.03	

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/23/19 10:22 AM dart.Lussier.Patrick

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Tel: 613-632-1282
Fax: 613-632-2030
GST R132478223
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No Page

65611 1

Ship Date

2/4/2019

Bill To:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Order number	Sales order date	Account number	Loc	Account manager
36779	1/23/2019	CDART100	H	Vicky Eve Lovvorn

PO number	Ship via	Shipping Terms
042365 ✓	Pick-Up	FOB ORIGIN

Item No. Description	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
87430-001 Assembly, Jacket	9.00	EA	9.00 ✓	

Drawing No: RBW7110G00131-8G-21 ✓ MU
DWG Rev: 1 + 1
SF = 47074

Lot no.: BATCH0000000001 9.00

Certificate of Conformance

☐ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.
If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 225.

Authorized Inspector

Jessie Lee Franklin

Date:

FEB 04 2018